



VEER INDUSTRY

AC DC ADAPTOR FOR RO PURIFIER (24V 2.5A)

This battery charger is specially designed for R.O. PURIFIER taking specific requirements into consideration.

This is based on SMPS technology adopting latest Pulse Width Modulation technique.

This power supply is designed to provide all the power requirements of residential / commercial water purifiers. They have been designed to operate for wider AC input range (140VAC – 280VAC) and to withstand the universal power conditions. They are designed with high frequency switching technology which makes them highly reliable, cost effective and Compact size, light in weight.

Salient Features:

- High reliability
- Compact size and less weight
- Protected against Short Circuit, Over Voltage & Temperature - SMPS based.
- Wider AC input range from 140VAC-300VAC

TECHNICAL SPECIFICATIONS:

Input Voltage	150 – 270V AC
Output Voltage	24 – 28V DC
Charging Current	2.5 A
Leakage Current @ 230 V ac	< 2mA



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Line regulation	< 1%
Load regulation	< 1%
Ripple content	150mV p-p
Dielectric strength	
Between Input & Output	2 kV AC
Between Input & Earth	1.5kV AC
Between Output & Earth	1.5kV AC

PROTECTIONS:

Inrush current	Limited by NTC Thermister
Over voltage at Input	Shut down above 300V AC
Under voltage at Input	Cutoff at 140V AC. Cut in at 160V AC
Short circuit at Output	Protected
Overload at Output	Protected
Indications	ON

MECHANICAL SPECIFICATIONS:

Type of mounting	Table Top
Dimensions WxDxH	124x64x35
Weight	400 gms

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature	0 – 50 Deg.C
Operating Relative Humidity	0 – 80% Max

